



Express Mail No. EV 686 022 320 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Usuka *et al.*

Serial No.: 10/015,167

Filed: December 11, 2001

For: SYSTEM AND METHOD FOR  
PREDICTING CHROMOSOMAL  
REGIONS THAT CONTROL  
PHENOTYPIC TRAITS

Confirmation No.: 3878

Art Unit: 1631

Examiner: Cheyne D. Ly

Attorney Docket No: 9080-016-999  
(800935-999015)

AMENDMENT UNDER 37 C.F.R. § 1.115

Mail Stop Final  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed on July 20, 2005 in connection with the above-captioned patent application, please consider the following remarks. With this amendment is enclosed (i) a Petition for Extension of Time extending the period of response to December 20, 2005; (ii) Exhibit A, the October 26, 2005, *Interim Guidelines for Examination of Patent Applications for Patent Subject Matter Eligibility*; and (iii) Exhibit B, a copy of Grupe *et al.*, 2001, *Science* 292:1915-1918.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 4 of this paper.

**Remarks / Arguments** begin on page 17 of this paper.